

RECEIVED
CENTRAL FAX CENTER
NOV 20 2003

OFFICIAL

Docket No. 4522/00018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Kazimierz J. Wikiel **EXAMINER:** Not Yet Assigned
SERIAL NO. 10/621,079 **GROUP:** 2857
FILED: July 16, 2003
FOR: Method and apparatus for real time monitoring of
electroplating bath performance and early fault detection

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450
FILED VIA FACSIMILE NOVEMBER 20, 2003 TO: (703) 872-9318 (5 Pages)

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97,
Applicant herewith submits the publications and/or patents shown on the
attached form PTO-1449, for consideration by the Examiner in connection with
the examination of the above-identified patent application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is
being filed (CHECK ONE):

Application Serial No. 10/621,079

x

- (1) within three (3) months of the **Filing Date** or before the mailing date of the **First Office Action** on the merits; or
- (2) after the period defined in (1) but before the mailing date of a **Final Rejection** or **Notice of Allowance**, and the requisite Certification or fee under Rule 1.17(p) is included herein; or
- (3) after the mailing date of a **Final Rejection** or **Notice of Allowance** but before the payment of the **Issue Fee**, and the requisite Certification, petition, and petition fee are included herein.

It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these United States Patents are not being submitted per the August 5, 2003, OG Notice regarding Information Disclosure Statement filings.

Early examination and allowance of the present application are respectfully solicited.

CERTIFICATION

I certify under 37 C.F.R. §1.97(e)(1) that the presently listed references were cited in a communication from a foreign patent office in a counterpart foreign application dated not more than three months prior to the filing of this Supplemental Information Disclosure Statement. A copy of this communication is enclosed.

Application Serial No. 10/621,079

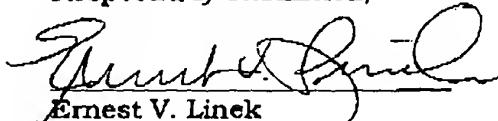
FEE AUTHORIZATION

Applicant does not believe that any fees are due by virtue of the filing of this Information Disclosure Statement, if, however, any fee is required to enable this Information Disclosure Statement considered by the United States Patent and Trademark Office, charge any such required fee to Deposit Account No. 19-0733.

CERTIFICATE OF FACSIMILE TRANSMISSION

The undersigned hereby certifies that this correspondence was submitted by facsimile in the USPTO on the date shown on Page 1.

Respectfully submitted,



Ernest V. Linek
Reg. No. 29,822
Attorney for Applicant
Banner & Witcoff, Ltd.
28 State Street, 28th Floor
Boston, MA 02109-1775
Tel: (617) 720-9600
Fax: (617) 720-9601
E-Mail: ELinek@bannerwitcoff.com

Date: November 20, 2003

PTO/SB/08a (05-03)

Approved for use through 04/30/2003. OMB 0851-0031

Approved for use in designating U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 144B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/621,079
(use as many sheets as necessary)		Filing Date	July 16, 2003
		First Named Inventor	Kazimierz J. Wikiel
		Art Unit	2857
		Examiner Name	Not Yet Assigned
Sheet	1	of	1
		Attorney Docket Number	004522-00018

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

***EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.4. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.**

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

INTERNATIONAL SEARCH REPORT		International application No. PCT/US03/22151															
A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C25D 21/12, S/00, 21/18 US CL : 205/81, 82, 101 According to International Patent Classification (IPC) or to both national classification and IPC																	
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 205/81, 82, 101																	
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																	
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST																	
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Category *</th> <th style="text-align: left; padding: 2px;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="text-align: left; padding: 2px;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Y, P</td> <td style="padding: 2px;">US 6,471,845 B1 (DUKOVIC et al) 29 October 2002 (29.10.2002), cols. 1-14.</td> <td style="padding: 2px;">1-55</td> </tr> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">US 5,368,715 A (HURLEY et al) 29 November 1994 (29.11.1994), cols. 1-9.</td> <td style="padding: 2px;">1-55</td> </tr> <tr> <td style="padding: 2px;">Y</td> <td style="padding: 2px;">US 6,365,033 B1 (GRAHAM et al) 2 April 2002 (02.04.2002), cols. 1-13.</td> <td style="padding: 2px;">1-55</td> </tr> <tr> <td style="padding: 2px;"></td> <td style="padding: 2px;">:</td> <td style="padding: 2px;">:</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y, P	US 6,471,845 B1 (DUKOVIC et al) 29 October 2002 (29.10.2002), cols. 1-14.	1-55	Y	US 5,368,715 A (HURLEY et al) 29 November 1994 (29.11.1994), cols. 1-9.	1-55	Y	US 6,365,033 B1 (GRAHAM et al) 2 April 2002 (02.04.2002), cols. 1-13.	1-55		:	:
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.															
Y, P	US 6,471,845 B1 (DUKOVIC et al) 29 October 2002 (29.10.2002), cols. 1-14.	1-55															
Y	US 5,368,715 A (HURLEY et al) 29 November 1994 (29.11.1994), cols. 1-9.	1-55															
Y	US 6,365,033 B1 (GRAHAM et al) 2 April 2002 (02.04.2002), cols. 1-13.	1-55															
	:	:															
<input type="checkbox"/> Further documents are listed in the continuation of Box C.		<input type="checkbox"/> See patent family annex.															
* Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance "R" earlier application or patent published on or after the international filing date "I" document which may throw doubts on priority claims(s) or which is cited to establish the publication date of another citation or other special reason (not specified) "O" document referring to an oral disclosure, etc., exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed																	
Date of the actual completion of the international search 29 October 2003 (29.10.2003)	Date of mailing of the international search report 13 NOV 2003																
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer  Wesley A. Nicolas Telephone No. (703) 308-1193																

Form PCT/ISA/210 (second sheet) (July 1998)